

ICOM SINGARS Loading Procedures

Loading HOPSET/TRANSEC (freqs used to hop/seq of hopping)

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| 1. FUNCTION Switch- LD | 5. Press LOAD (radio will beep and show HF) |
| 2. MODE Switch- FH | 6. Press STO and desired position # |
| 3. PRESET- MAN | 7. Repeat steps 3-5 for remaining HOPSETS |
| 4. ECCM to desired HOPSET position and turn on. | 8. Turn off ECCM and disconnect |

Changing the NET ID

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| 1. FUNCTION Switch- LD | 6. Input last two numbers as required |
| 2. PRESET- 1-6 | 7. Press STO |
| 3. MODE Switch- [FH-M] | 8. Repeat 3-7 for remaining positions |
| 4. Press FREQ button | |
| 5. Press CLR (last two digits will be cleared) | |

Loading freqs for MAN, PRESET 1-6 or CUE

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| 1. FUNCTION Switch-LD | 5. Press CLR |
| 2. MODE Switch-SC | 6. Enter frequency |
| 3. PRESET-MAN, 1-6, or CUE | 7. Press STO |
| 4. Press FREQ | |

Receiving the ERF

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| 1. FUNCTION Switch- LD | 5. Press STO and desired position # |
| 2. MODE Switch- FH | 6. Function Switch- SQ ON |
| 3. PRESET- MAN | 7. Select PRESET where HOPSET is stored |
| NCS: "Standby for ERF. Store in position 1-6." | 8. Conduct commo check |
| 4. Receive ERF (note a beep and HF*** in window) | |

Setting the Time, use GPS

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| 1. FUNCTION Switch- LD | 8. Press CLR |
| 2. MODE Switch- FH | 9. Enter ZULU time (hour and next minute) |
| 3. Press TIME once | 10. On the second, press STO |
| 4. Press CLR | 11. Press TIME again |
| 5. Type in last two digits of Julian date | 12. Compare sec. count up with GPS (must be within four seconds of correct time) |
| 6. Press STO | 13. FUNCTION Switch- SQ ON |
| 7. Press TIME again | |

Sending the ERF (TRANSEC, HOPSET, and TIME must be loaded)

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| 1. FUNCTION Switch- LD | 6. Press ERF/OFST. Note a beep and Send in display window |
| 2. PRESET- MAN (freq must be set) | 7. FUNCTION Switch- SQ ON |
| 3. MODE Switch- [FH-M] | 8. MODE Switch- FH |
| 4. Transmit "Standby for ERF Store in 1-6." | 9. Switch to PRESET where HOPSET is stored. |
| 5. Press LOAD and preset # where HOPSET is stored and note HF*** in window | 10. Conduct commo check |

Late NET Entry (If clock is off by >4 seconds of "hack" time)

Push FREQ and SYNC buttons (LF*** displayed in window). Wait until someone transmits to realign your clock (When F*** is displayed in window, clock is realigned). If clock is off by more than 60 seconds, a new ERF must be received or time must be manually reset.

DO NOT PRESS PTT BUTTON WHILE SETUP FOR LATE ENTRY!!!

To CUE the NCS for late NET entry

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| 1. FUNCTION Switch- SQ ON | 5. Press PTT 4-5 seconds |
| 2. PRESET- CUE (freq must be set) | 6. Repeat every 15 seconds until answered by NCS |
| 3. MODE Switch- SC | 7. Request NCS to send the ERF. Follow directions for "Receiving The ERF". |
| 4. KY-58 to PLAIN (red) | |

Single Channel (SC) Scanning

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| 1. Load freqs in PRESET's | NOTE: If radio transmission is received the scan stops. You must respond within 2.5 seconds or the radio reverts back to scan mode and your transmission will be on the priority frequency selected.
0=MAN 1-6=Preset 7=CUE 8=no priority |
| 2. FUNCTION Switch- SQ ON | |
| 3. PRESET- CUE | |
| 4. MODE Switch- FH | |
| 5. Press- STO (Press 0-8 to select which preset frequency has priority) | |
| 6. (OPTIONAL) All presets are scanned except those cleared. To clear a PRESET from scan, press the PRESET number and CLR. To restore a cleared PRESET, Press PRESET number and press STO. | |
- NOTE: To stop scan, set PRESET switch out of CUE to a different position. To select a PRESET for transmission, press the PRESET number and talk within 2.5 seconds after preset is displayed in window.

Load OFFSET frequency (in case of jamming)

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| 1. FUNCTION Switch- LD | NOTE: If negative offset is needed, press |
| 2. PRESET- desired preset | OFST again. |
| to be offset. | 7. Press- STO |
| 3. MODE Switch- SC | 8. FUNCTION Switch- SQ ON |
| 4. Press OFST | 9. To clear offset, repeat steps 4-7 but use |
| 5. Press CLR | "0" instead |
| 6. Enter offset "5" or "10" | |

Zeroizing MEMORY

1. Function Switch- Z-A (must pull selector out then rotate)
2. Wait for "GOOD" to be displayed in window
3. All memory is now erased

REMINDER: You should talk at least once every 24 hours or you may lose your clock!!